

FIG. 1

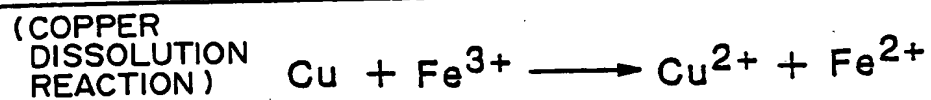
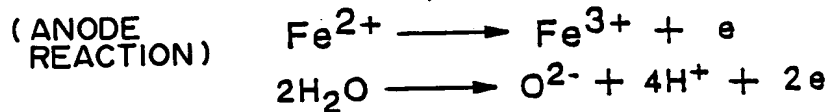
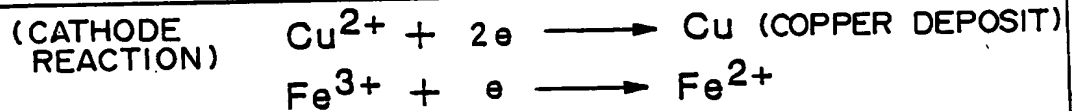
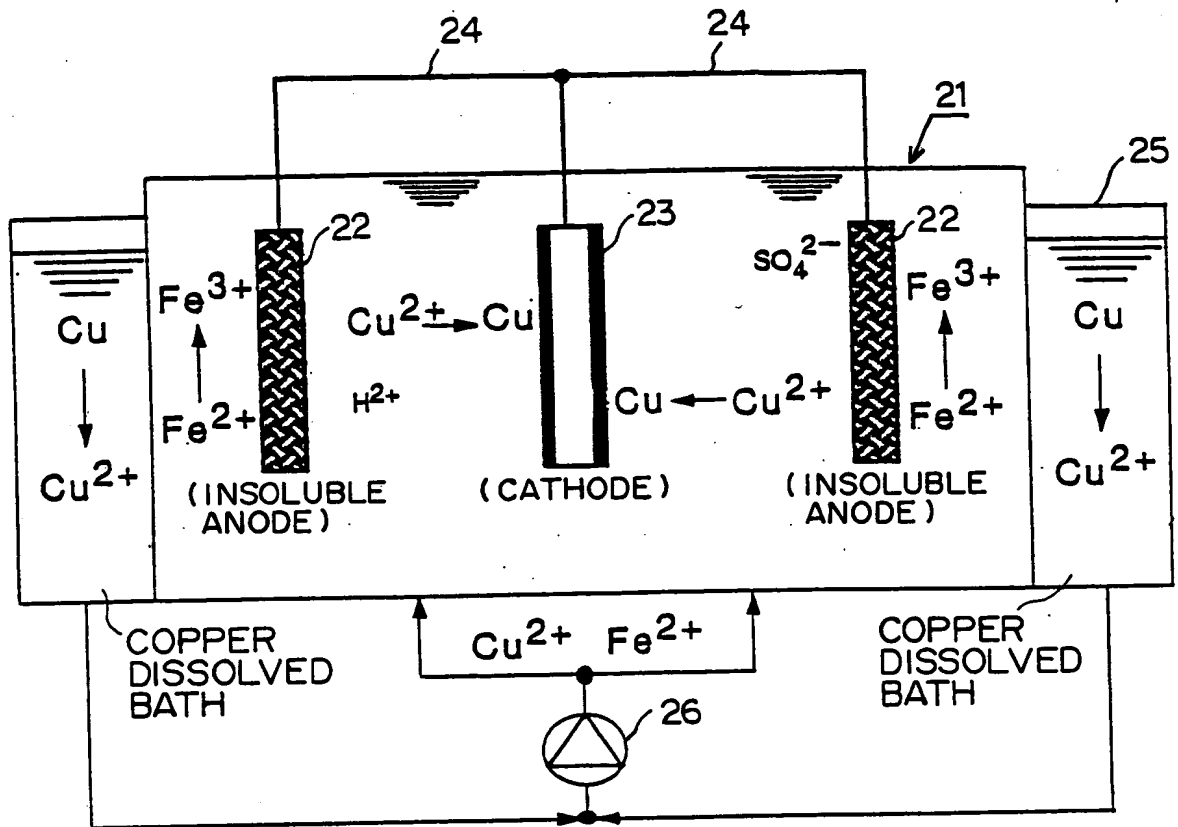
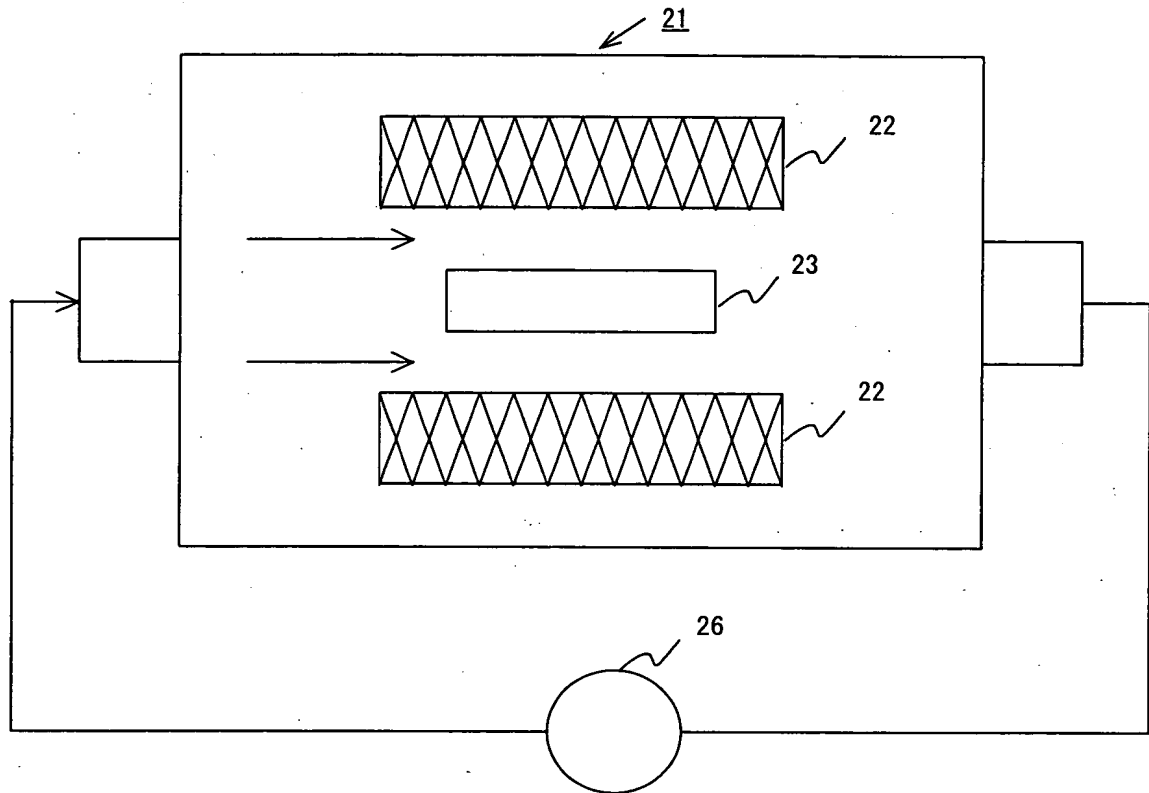


FIG. 2



F I G. 3

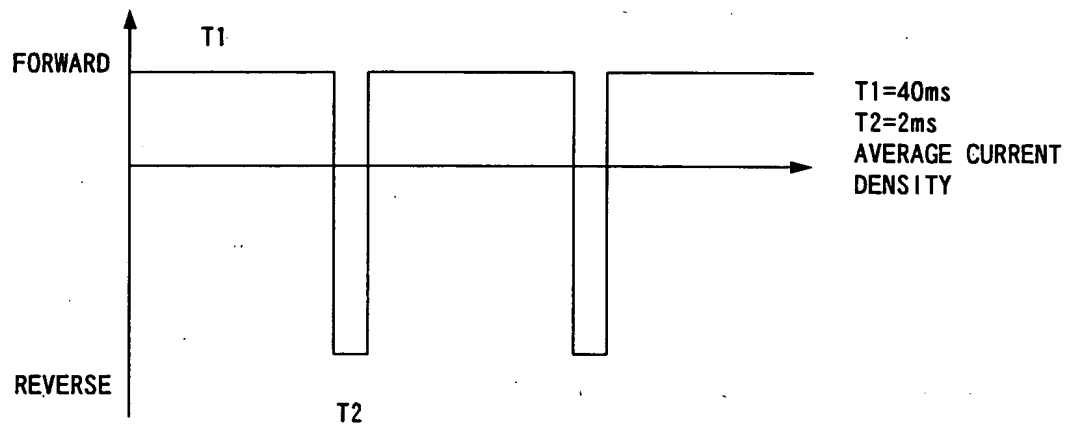


FIG. 4

| SAMPLE | PLATING SOLUTION | AVERAGE CURRENT DENSITY | TIME |
|--------|-------------------------|-------------------------------|--------------|
| 1 | NO Fe IONS | 3 A/dm ² | 33.3 MINUTES |
| 2 | Fe ²⁺ 15g/L | 3 A/dm ² | 33.3 MINUTES |
| 3 | Fe ²⁺ 0.1g/L | 3 A/dm ² | 33.3 MINUTES |

F I G. 5

| SAMPLE | Fe (gh) | Rz (μ m) | | Av. (μ m) |
|--------|---------|---------------|-------|----------------|
| 1 | 0 | 3.334 | 3.663 | 3.496 |
| 2 | 15 | 1.949 | 1.694 | 1.821 |
| 3 | 0.1 | 2.884 | 2.776 | 2.830 |

FIG. 6

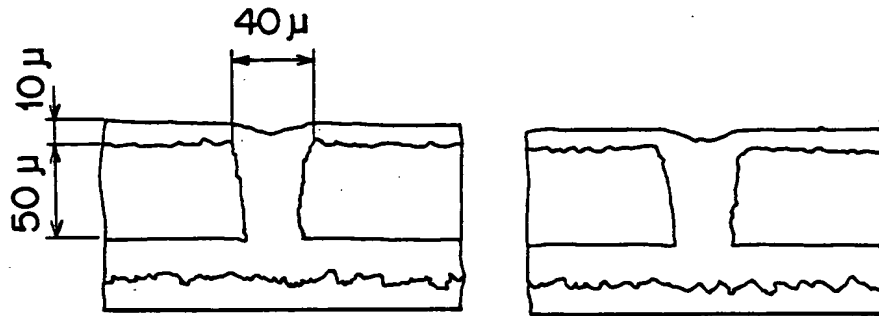


FIG. 7A

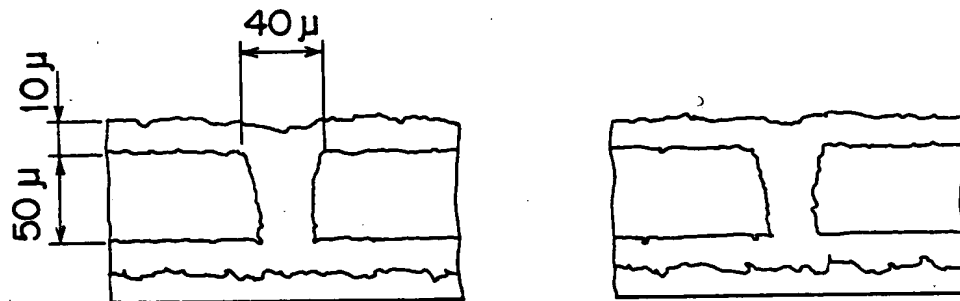


FIG. 7B

FIG. 7A

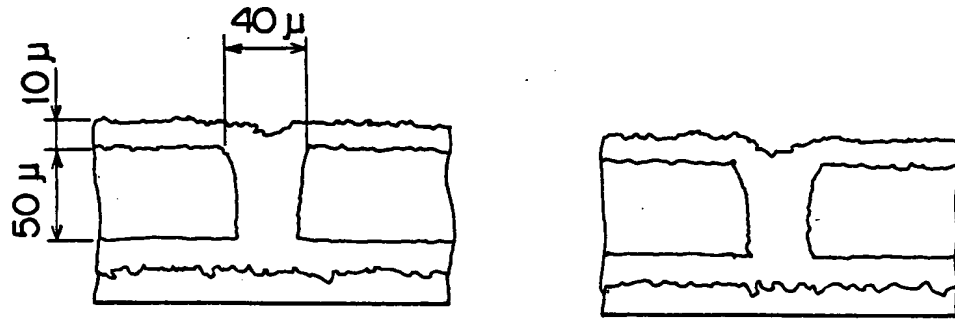


FIG. 8